

Allendale Road Ground Water Contamination

Allendale Road Upper Township Cape May County

BLOCK: Various **LOT:** Various

Community Relations Coordinator: Karen Kloo (609) 777-1971

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the Cape May County Health Department between 1992 and 1994 under its Well Head Protection Program identified 12 private potable wells in this area that were contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. Nine additional wells were found to have lower levels of the contaminants. The primary contaminants were tetrachloroethylene (also known as perchloroethylene, or PCE) and carbon tetrachloride. NJDEP installed Point-of-Entry Treatment (POET) systems on the wells that did not meet Drinking Water Standards as an interim measure to supply potable water for the residents. In 1996, NJDEP's Remedial Response Element delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis that concluded the most cost-effective long-term remedy was extension of public water lines to the properties in the CKE. The local water purveyor completed construction of the water lines and connection of the residences in 1999 using funds provided by NJDEP. Eighty four residences were connected to the water line and the wells at those properties sealed during the project. The Remedial Response Element is periodically sampling private potable wells around the perimeter of the CKE to monitor ground water quality. Additional investigative work is underway to identify possible sources of the ground water contamination at this site.